



FIG. 2

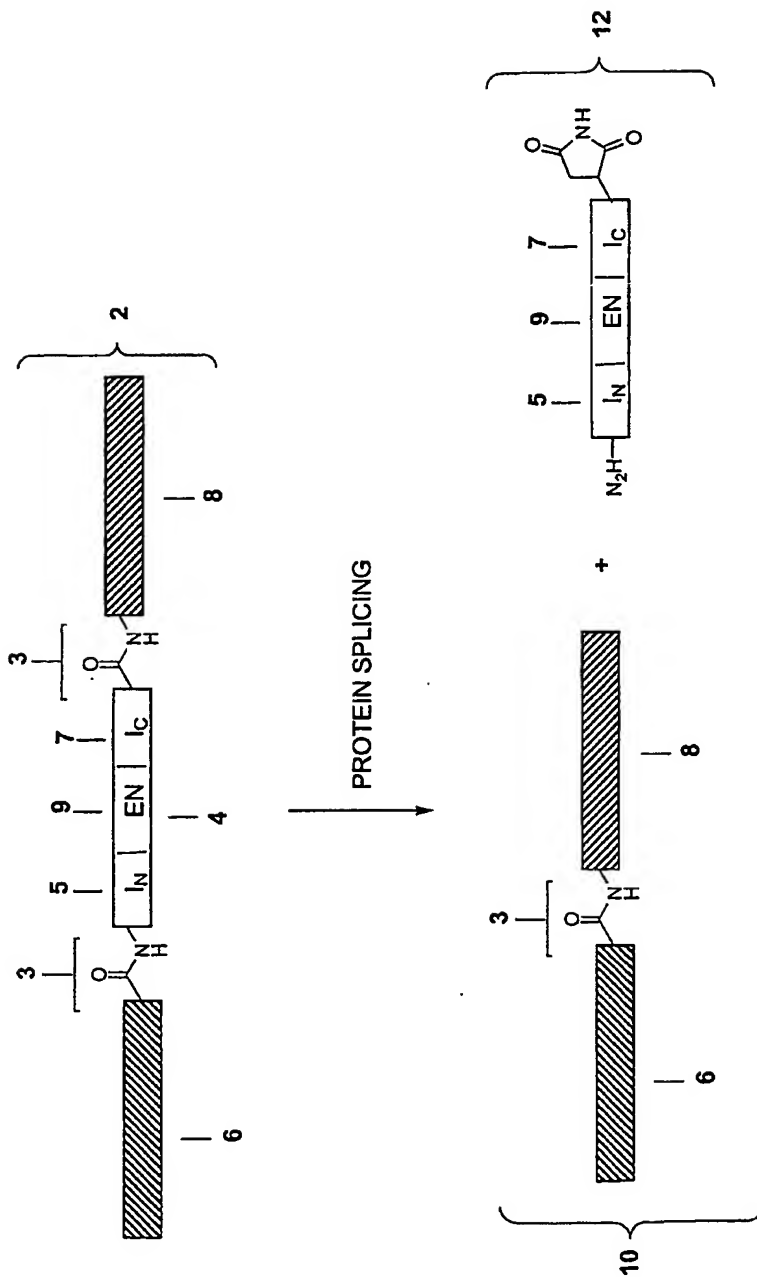


FIG. 3

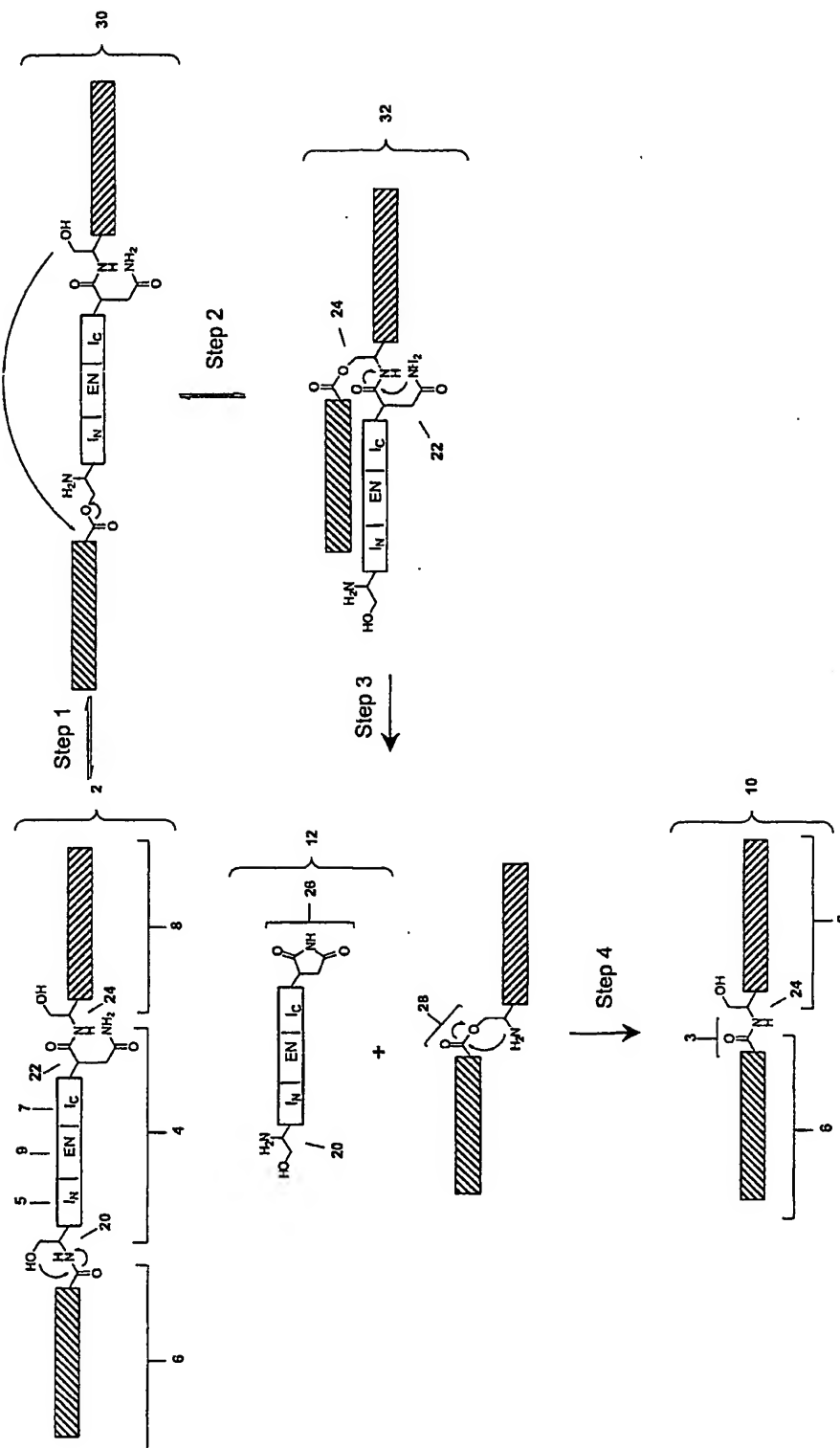


FIG. 4

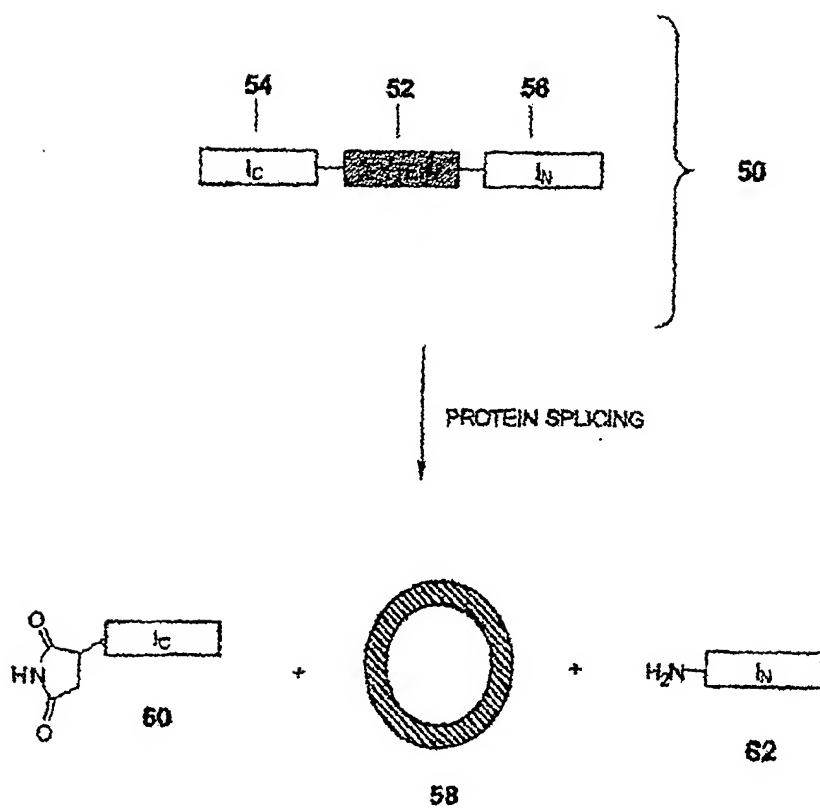


FIG. 5

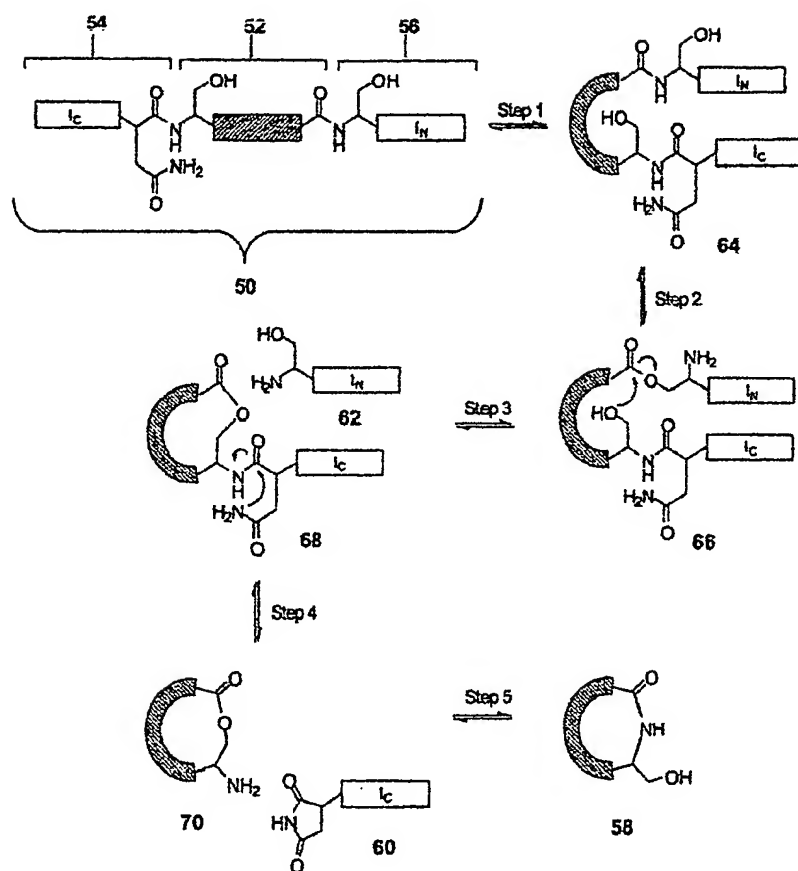


FIG. 6

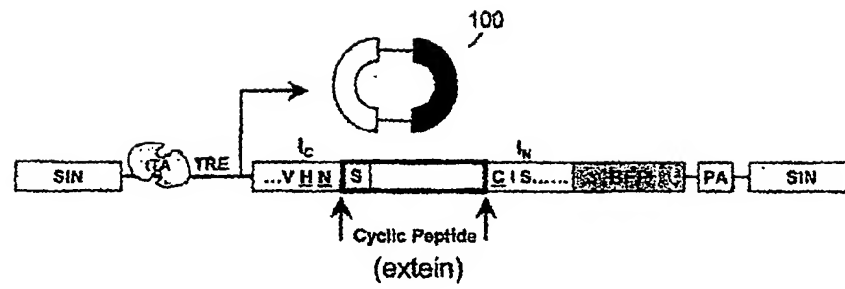


FIG. 7

I<sub>C</sub> = nts #1-156 (red)

exlein (cyclic peptide) = nts #157-171 (boxed; magenta)

I<sub>N</sub> = nts #172-489 (green)

BFP = nts #511-1227 (blue)

1 ATGGAGACG GCAGCCCCGA GATCGAGAAG CTGAGTCAGA GCGACATCTA CTGGGACAGC  
 M E S G S P E I E K L S Q S D I Y W D S  
 61 ATGCTGAGCA TCACCGAGAC CGCGTGAGAG GAGGTGTTCG ACCTGACCGT GCCCGGCCCC  
 I V S I T E T G V E V F D L T V P G P  
 121 CACAACCTTG TGCCCAACGA CATCATCTGC CACAACGACH HNHNHNHNHN NTGCTACGC  
 H N F V A N D I I V H N S  
 181 GCGACAGCC TGATCAGCCT GGCAGCACC GGCAGAGGG TGAGCATCAA GGACCTGCTG  
 G D S L I S L A S T G K R V S I K D L L  
 241 GACGAGAAG ACTTCGAGAT CTGGCCATC AACGAGCAGA CCATGAGCT AGAGAGCCGC  
 D E K D F E I W A I N E Q T M K L E S A  
 301 AAGGTGAGCA GGGTGTCTTG CACCGGCAAG AGCTAGTGT ACATCTTAAG AACGAGCTA  
 K V S R V F C T G K K L V Y I L R T R L  
 361 GGCAGGACCA TCAAGGCCAC CGCCAACCAC AGGTTCCTAA CCATCGAGCG CTGGAGGAGG  
 G R T I K A T A N H R F L T I D G W K R  
 421 CTAGACGAGC TAAGCCTAAA GGAACACATC GCCCTACCCC GGAAGCTAGA GAGCAGCAGC  
 L D E L S L K E H I A L P R K L E S S S  
 481 CTACAGCTAG GCCTCCGCGG CCAGATCGAT GTGAGCAAGG GCGAGGAGCT GTTCACCGGG  
 L Q L G L R G Q I D V S K G E L F T G  
 541 GTGGTGCCCA TCCTGGTCTGA GCTGACGCG GAGCTAAAGC GCCACAAGTT CAGCGTGTCC  
 V V P I L V E L D G D V N G H K F S V S  
 601 GCGAGGCGG AGGCGGATGC CACTACGCG AAGCTGACCC TGAAGTTTCT CTGCAACACC  
 G E G E G D A T Y G K L T L K F I C T T  
 661 GGCAGCTGC CCGTGCCCTG GCCACCCCTC GTGACCCACC TGACCCACGG CGTGCACTGC  
 G K L P V P W P T L V T T L T H G V Q C  
 721 TTCAGCCGCT ACCCGGACCA CATGAAGCAG CACGACTTCT TCAAGTCGC CATGCCGAA  
 F S R Y P D H M K Q H D F F K S A M P E  
 781 GGCTACGTCC AGGAGCGCAC CATCTTCTTC AAGGACGAGC GCAACTACAA GACCCGCGCC  
 G Y V Q E R T I F F K D D G N Y K T R A  
 841 GAGGTGAAGT TCGAGGCGA CACCCTGGTG AACCGCATCG AGCTGAAGGG CATCGACTTC  
 E V K F E G D T L V N R I E L K G I D F  
 901 AAGGAGGACG GCAACATCTT GGGGACAAAG CTTGAGTACA ACTTCAACAG CCACAACGTG  
 K E D G N I L G H K L E Y N F N S H N V  
 961 TATATCATGG CCGACAAGCA GAAGAAGCGC ATCAAGGCCA ACTTCAAGAT CCGCCACAAAC  
 Y I M A D K Q K N G I K A N F K I R H N  
 1021 ATCGAGGACG GATCGTGCA GCTCGCGGAC CACTACACAG AGAACACCCC AATTGGCGAC  
 I E D G S V Q L A D H Y Q Q N T P I G D  
 1081 GGCCCGGTGC TGTCTCCCGA CAACCACTAC CTGAGCACCC AGAGCGCTCT TTCGAAGBAC  
 G P V L L P D N H Y L S T Q S A L S K D  
 1141 CCCAAGCAGA AGCGGATCA TATGTTCTTG CTGAGTTCTG TGACCCGCGC CGGGATCACT  
 P N E K R D H M V L L E F V T A A G I T  
 1201 CTCGGCATGG ACGAGCTGTA CAAGTAA  
 L G M D E L Y K .